

Special Issue

Melanoma: Dark Tumor with Little Light for Metastasis Treatment

Message from the Guest Editor

Melanoma is an aggressive form of skin cancer. This insidious, resilient tumor originates from melanocytes—neural crest-derived cells endowed with high migration activity in embryonic development and reside in the epidermis of adults. This migration propensity is recapitulated in melanomas, which are highly metastatic when proceeding to later stages. Life-saving therapy is early surgery, mostly involving the additional removal of sentinel lymph nodes. Exposure to natural or artificial sunlight (UV) and genetic predisposition are risk factors for the development of melanoma. The tumor heterogeneity and individual melanoma cell phenotypes hamper effective therapy. ... Therefore, combined therapy can be a solution and has been already tried. The molecular mechanisms that stand behind the melanoma resilience are not fully understood, and the most suitable combined targeted therapy is urgently needed for mutBRAF, mutNRAS and wt BRAF/NRAS tumors. Authors are cordially invited to contribute original research papers or reviews to this Special Issue of *Life*.

Guest Editor

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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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